19/571315

Date: March 9, 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Tsutomu ATSUKI et al.

Attorney Docket Number: 026390-00035

Serial Number: NEW PATENT APPLICATION

Filed: March 9, 2006

For: ME

METAL NANO-PARTICLES AND METHOD FOR PREPARING THE SAME, DISPERSION OF METAL NANO-PARTICLES AND METHOD FOR PREPARING THE SAME, AND THIN METALLIC WIRE AND METAL FILM

AND METHOD FOR PREPARING THESE SUBSTANCES

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to 37 CFR §1.56, the attention of the U.S. Patent and Trademark Office is hereby directed to the information items listed on the attached PTO/SB/08. Unless otherwise indicated herein, one copy of each item is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the items be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

merits	This Information Disclosure Statement is being filed (a) within three months U.S. filing date, OR (b) before the mailing date of a first Office Action on the in the present application, OR (c) accompanies a Request for Continued nation. No certification or fee is required.
	This Information Disclosure Statement is being filed more than three months he U.S. filing date AND after the mailing date of the first Office Action on the , but before the mailing date of a Final Rejection or Notice of Allowance.
	a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
	b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
	c. Check number in the amount of \$180.00 in payment of the fee

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under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Deposit Account Number 01-2300, referencing Attorney Docket Number , as needed to ensure consideration of the disclosed information.

Allowa Inform §1.176 Accou	This Information Disclosure Statement is being filed more than three months he U.S. filing date and after the mailing date of a Final Rejection or Notice of ance, but before payment of the Issue Fee. Applicants hereby petition that the ration Disclosure Statement be considered. Attached is our check number in the amount of \$180.00 in payment of the petition fee under 37 CFR (i)(1). Please charge any fee deficiency or credit any overpayment to Deposit on Number 01-2300, referencing Attorney Docket Number , as needed to be consideration of the disclosed information.				
	a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).				
	b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).				

4. Most of the references are cited in counterpart foreign application PCT/JP2004/012968, filed September 7, 2004. The relevance of the references is noted in the International Search Report. We understand that the references have been forwarded by the International Bureau and are available to the Examiner. However, if the Examiner needs copies of any of the references, the Examiner is requested to advise counsel accordingly.

The relevance of Japanese Publication Numbers 11-319538 and 2002-245854 is discussed in the present specification. English-language abstracts of the non-English language references are attached.

Respectfully submitted,

George E. Oram, Jr.

Registration Number 27,931

Customer Number 004372 ARENT FOX PLLC 1050 Connecticut Avenue, NW Suite 400 Washington, DC 20036-5339 Telephone: 202-857-6000 Fax: 202-638-4810

GEO:vmh

Enclosures: PTO/SB/08a

PTO/SB/08b

International Search Report

References (2)

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Substitute for form 1449A/PTO

Sheet

INFORMATION DISCLOSURE STATEMENT BY APPLICANT Form PTO/SB/08a

	Complete if Known
Application Number	NEW PATENT APPLICATION
Filing Date	March 9, 2006 (1970 52 4 18
First Named Inventor	Tsutomu ATSUKI et al SUU 3000
Art Unit	
Examiner Name	
Attorney Docket Number	026390-00035

U.S. PATENT DOCUMENTS							
Examiner Initials*	Cite No.1	Document Number	Number-Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
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Cite No.1	Foreign Patent Document	Country Code ³	Number⁴ Kind Code⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	™
	07-076710	JP		03-20-1995	E. I. Du Pont de Nemours and Co.		
	10-183207	JP		07-14-1998	Tomoe Works Co., Ltd.		
	11-319538	JP		11-24-1999	Nippon Paint Co., Ltd.		AB
	2002-121606	JP		04-26-2002	ULVAC Corp.		
	2002-245854	JP		08-30-2002	Bando Chem Ind., Ltd.		AB
	2002-317215	JP		10-31-2002	Mitsuboshi Belting Ltd.		
	2000/76699	wo	A1	12-21-2000	Kuniaki KIMOTO		
		No.1 Poreign Patent Document 07-076710 10-183207 11-319538 2002-121606 2002-245854 2002-317215	No.1 Foreign Patent Document Code3 07-076710 JP 10-183207 JP 11-319538 JP 2002-121606 JP 2002-245854 JP 2002-317215 JP	No.1 Foreign Patent Document Code ³ (if known) 07-076710 JP 10-183207 JP 11-319538 JP 2002-121606 JP 2002-245854 JP 2002-317215 JP	No.1 Foreign Patent Document Code3' Kind Code' (if known) MM-DD-YYYY 07-076710 JP 03-20-1995 10-183207 JP 07-14-1998 11-319538 JP 11-24-1999 2002-121606 JP 04-26-2002 2002-245854 JP 08-30-2002 2002-317215 JP 10-31-2002	No.1 Foreign Patent Document Code ³ (if known) Kind Code (if known) MM-DD-YYYY Document 07-076710 JP 03-20-1995 E. I. Du Pont de Nemours and Co. 10-183207 JP 07-14-1998 Tomoe Works Co., Ltd. 11-319538 JP 11-24-1999 Nippon Paint Co., Ltd. 2002-121606 JP 04-26-2002 ULVAC Corp. 2002-245854 JP 08-30-2002 Bando Chem Ind., Ltd. 2002-317215 JP 10-31-2002 Mitsuboshi Belting Ltd.	No.1 Foreign Patent Document Code ³ Kind Code (if known) MM-DD-YYYY Document Relevant Passages or Relevant Figures Appear 07-076710 JP 03-20-1995 E. I. Du Pont de Nemours and Co. 10-183207 JP 07-14-1998 Tomoe Works Co., Ltd. 11-319538 JP 11-24-1999 Nippon Paint Co., Ltd. 2002-121606 JP 04-26-2002 ULVAC Corp. 2002-245854 JP 08-30-2002 Bando Chem Ind., Ltd. 2002-317215 JP 10-31-2002 Mitsuboshi Belting Ltd.

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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. *Unique citation designation number. *See attached Kinds of U.S. Patent Documents. *Enter Office that issued the document, by the two-letter code. *For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. *Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. *Applicant is to place a check mark here if English language translation is attached. AB indicates that only an English language abstract is attached.

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	Substitute for form 1449l	B/PTO		Complete if Known		
	INFORMATIO	N DISCL	OSURE	Application Number	NEW PATENT APPLICATION 57 4 P	
	STATEMENT			Filing Date	March 9, 2006 / 19/2/2/2	
		TO/SB/08b		First Named Inventor	Tsutomu ATSUKI et al.	
	TOME	I O/SB/UUL	,	Art Unit		
				Examiner Name		
Sheet	1	of	1	Attorney Docket Number	026390-00035	

	NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T²					
/H.L./		Sylvia GOMEZ et al., "Gold nanoparticles from self-assembled gold(I) amine precursors," No. 19, 2000, pages 1945 – 1946						

Examiner Signature	/Hoa Le/	Date Considered	12/05/2008
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